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1994 Volume 43 Annual Indexes

**Includes List of Source Journals**

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# Weed Abstracts

A monthly journal compiled from the CAB ABSTRACTS database.
Produced by the DIVISION OF CROP PROTECTION AND GENETICS

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The Department of Crop Protection also prepares: *Review of Plant Pathology, Nematological Abstracts, Weed Abstracts, Plant Growth Regulator Abstracts* and *Seed Pathology and Microbiology.*

# How to use Weed Abstracts

## • Either BROWSE, using the CONTENTS

Within each issue, records are sequenced according to their principal subject matter - see CONTENTS page.

About three quarters of the records are arranged by CROP, so browsing is particularly useful to crop specialists.

The more general headings in the CONTENTS include records that cannot easily be assigned to a single crop.

## • Or SEARCH, using the INDEXES

Subject indexes and author indexes are compiled monthly and cumulated annually.

### SUBJECT INDEX

This guides the user to all the records that make significant reference to specific topics, including the following:

### WEED SPECIES

Scientific names are used. These entries provide detailed indexing of control, biology, ecology and utilization.

### CROP SPECIES

English common names are used for major crops, scientific names for minor crops and other plants. Weed control and weed/crop relations are fully indexed.

### HERBICIDES AND PLANT GROWTH REGULATORS

These are indexed under their common names (see list at the back of each journal issue), or under chemical names if common names have not been assigned.

### COUNTRY OR REGION

For records where geographical occurrence is of relevance.

### OTHER HEADINGS

The main ones are listed here. Scan the ANNUAL INDEX for a more complete picture.

Algae
Allelopathy
Biological control
Books
Conferences
Cultural control
Databases
Defoliants
Desiccants
Economics
Equipment
Flora
Herbicide resistant weeds
Herbicide residues
*Herbicides
Integrated control
Legislation
Mycoherbicides
Physical control
Reports
Reviews
Techniques
Weed control
*Weeds

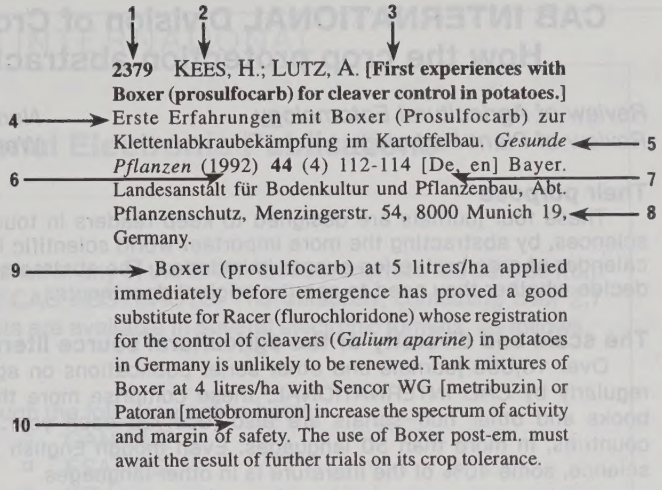
*Terms used to index records that do not refer to specific plants or chemicals.

### AUTHOR INDEX

All authors of each paper are indexed alphabetically by surname. Variants of surnames are also indexed.

## A TYPICAL RECORD

1 Abstract number
2 Author
3 Title in English
4 Original title if in Roman script
5 Journal or other document
6 Year, volume, part number and pagination
7 Language of text, language of summaries, bibliographic details
8 Organization where work was carried out
9 Abstract
10 Preferred name, if the author uses another name




The title should be read as an integral part of the abstract. Herbicide rates refer to concentrations of active ingredients unless specified otherwise.

## TO OBTAIN A COPY OF THE ORIGINAL ITEM

Use the CAB INTERNATIONAL Document Delivery Service. A form is printed in this issue.

## LIST OF JOURNALS CITED

The annual index includes an alphabetical list of all journals cited during the year.

## ABBREVIATIONS

A number of easily understood abbreviations are used (e.g. sp., species). Initial letters may be used for a virus after its full name has appeared. The following are also used:

| | | | | | |
|---|---|---|---|---|---|
| a.i. | active ingredient | FW | fresh weight | post-em. | post-emergence |
| conc. | concentrated | LAI | leaf area index | pre-em. | pre-emergence |
| concn | concentration(s) | LC | lethal concentration | RGR | relative growth rate |
| DM | dry matter | LD | lethal dose | RH | relative humidity |
| DW | dry weight | OM | organic matter | SEM | scanning electron microscope |
| e.c. | emulsifiable concentrate | PAR | photosynthetically active radiation | ULV | ultralow volume |
| EM | electron microscope | | | w.p. | wettable powder |

In abbreviations for languages an initial capital denotes the language of the paper, an initial small letter the language of the summary.

| | | | | | |
|---|---|---|---|---|---|
| Af | Afrikaans | Fi | Finnish | My | Malay/Bahasa Malaysia |
| Al | Albanian | Fr | French | Nl | Flemish, Dutch |
| Ar | Arabic | Gr | Greek | No | Norwegian |
| Az | Azerbaijan(i) / Azerbaidzhani / Azerbaidzhanian | He | Hebrew | Pe | Persian |
| | | Hi | Hindi | Pl | Polish |
| | | Hu | Hungarian | Pt | Portuguese |
| Be | Belorussian | Ia | Interlingua | Ro | Romanian |
| Bg | Bulgarian | In | Indonesian | Ru | Russian |
| Ch | Chinese | Is | Icelandic | Sh | Serbo-Croat |
| Cs | Czech | It | Italian | Sn | Slovenian |
| Da | Danish | Ja | Japanese | Sr | Serbian |
| De | German | Ko | Korean | Sv | Swedish |
| Ee | Estonian | La | Latin | Ta | Tajik/Tadzhik |
| En | English | Li | Lithuanian | Th | Thai |
| Eo | Esperanto | Lv | Latvian | Tr | Turkish |
| Es | Spanish | Ma | Macedonian | Uk | Ukrainian |

# CAB INTERNATIONAL Division of Crop Protection and Genetics
# How the crop protection abstract journals are compiled

*Review of Agricultural Entomology*
*Review of Plant Pathology*
*Nematological Abstracts*
*Weed Abstracts*

## Their purpose

These four journals are designed to keep readers in touch with developments in the crop protection sciences, by abstracting the more important world scientific literature and by publishing review articles. A calendar of crop protection events is included. The abstracts are intended to be full enough for readers to decide whether they need to see the original documents.

## The scale and diversity of the agricultural source literature

Over 10,000 journals and other serial publications on agriculture and allied disciplines are received regularly by CAB INTERNATIONAL; these comprise more than 50,000 documents annually. Over 3000 books and other non-serials are also received each year. Publications are received from some 150 countries, in more than 50 languages. Even though English is increasingly the international language of science, some 40% of the literature is in other languages.

## Scanning and abstracting the source literature of crop protection

All these documents are scanned by CABI subject specialists and are available to the CABI Division of Crop Protection and Genetics. About 3000 journals, and numerous new books, are scanned regularly in the Division, whose staff includes specialists in entomology, plant pathology, nematology, weed science, plant genetics, and also linguists.

These specialists identify items within the scope of the four crop protection journals – broadly, scientific documents about agriculturally significant pests (invertebrates, plant pathogens and weeds), beneficial organisms, and relevant crop protection practices and products.

For each item, a record is created consisting of:
- bibliographic information
- an abstract, in English
- subject coding
- index terms.

## The CAB ABSTRACTS database

These records are added to the CAB ABSTRACTS bibliographic database. This machine-readable database contains all records published since 1973 in about 50 CABI abstract journals. The total of nearly 3 million records is growing by more than 150,000 new records per year, of which about 21,000 per year are on crop protection. The database is available to users for retrospective retrieval and for maintaining current awareness of literature on defined topics. See separate page, and inside back cover.

## The crop protection abstract journals

At intervals, relevant records newly added to the database are selected and become the basis for a new issue of one of the crop protection journals. Records are sorted into a standard sequence within each journal issue, according to subject matter. An author index and a subject index are generated. Cumulative indexes are generated at the end of each year.

## Scientific links

Each of the four crop protection journals has its own international Editorial Advisory Board of subject specialists. Their members advise on the content and development of the journals, and commission review articles of topical interest.

The CABI Division of Crop Protection and Genetics maintains close contact with the International Institute of Entomology (IIE), the International Mycological Institute (IMI), the International Institute of Parasitology (IIP) and the International Institute of Biological Control (IIBC). These links are especially important in providing the authority for the preferred names of pest organisms used in the journal indexes. IIBC is responsible for compiling the related abstract journal *Biocontrol News and Information*.

The Division of Crop Protection and Genetics is also in close contact with subject specialists in four other Divisions of the CABI Information Services who compile 45 abstract journals covering the rest of agriculture, forestry and allied disciplines. Comments from users are always welcome. Please write to Mr Geoffrey A. Viney, Division of Crop Protection and Genetics, CAB INTERNATIONAL, Wallingford, Oxon OX10 8DE, UK.

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WORLD SERVICES TO AGRICULTURE

# CAB International Electronic Publications

## CAB ABSTRACTS Database

All of the abstracts and citations published in any of the CABI Abstract Journals are derived from a computerised database known as CAB ABSTRACTS. The database, containing over 2.7 million records, and its various subsets are available in several electronic formats, as follows.

### Online

- Publicly available worldwide through the following online hosts:
  - DIALOG
  - DIMDI
  - DataStar
  - CAN/OLE
  - ESA-IRS
  - STN

### Electronic Journals

- All CABI Abstract Journals on floppy disk, in comma-delimited, Pro-Cite or ISO2709 format.
- Update frequency is the same as for the printed journal.
- Data available on either 3.5" or 5.25" high density diskettes.

### CD-ROM (Compact Disc Read Only Memory)

***CABCD***

- Three volumes containing the entire CAB ABSTRACTS database since 1984.

***CAB SPECTRUM***

- An array of subject-specific CD-ROMs.
- **VETCD** – 20 years of information on Veterinary Science and Animal Health.
- **BEASTCD** – 20 years of information on Animal Production and Dairy Technology.
- **TREECD** – 50 years of information on Forestry, Agroforestry & Forest Products.
- **CABPESTCD** – 20 years of information on Crop Protection.
- **SOILCD** – 20 years of information on Soils, Water and Land Management.
- **HORTCD** – 20 years of information on Horticulture, Ornamental Horticulture and Plantation Crops.

***CAB COLLECTION***

- **PolTox III:CAB** –Environmental pollution and toxicology information since 1983.
- **Human Nutrition on CD-ROM** – 10 years of data from CAB ABSTRACTS, FSTA, Medline and the Life Sciences Collection.

### Current Awareness

***SDI Service***

- Based on the most recent input to the CAB ABSTRACTS database.
- Subscribers decide their own search profile.
- Monthly search results on computer printout or floppy disk.
- Full bibliographic details and informative abstracts for the records retrieved.

***CAB Alerts***

- Similar to the SDI service, but with titles and search strategies chosen by CABI staff.
- Monthly output is provided on computer printout.

### Retrospective Searches

- An online retrospective search of the CAB ABSTRACTS database.
- Provides citations and abstracts to published papers in the subject area of choice.
- Search output is available on computer printout or floppy disk.

For more details of these, or any other CABI Electronic Publications, contact the Marketing Manager for Electronic Publications, CAB International, Wallingford, Oxon OX10 8DE, UK.

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Many other serials were scanned during 1994 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1988 edition.* The publication includes ISSNs and publishers' addresses.

ACS Symposium Series
Acta Academiae Agriculturae ac Technicae Olstenensis, Agricultura
Acta Agraria et Silvestria. Series Agraria
Acta Agriculturae Nucleatae Sinica
Acta Agriculturae Scandinavica. Section B, Soil and Plant Science
Acta Agriculturae Universitatis Pekinensis
Acta Agriculturae Zhejiangensis
Acta Agrobotanica
Acta Agronomica Hungarica
Acta Botanica Neerlandica
Acta Botanica Sinica
Acta Botanica Yunnanica
Acta Entomologica Sinica
Acta Facultatis Rerum Naturalium Universitatis Comenianae, Genetica et Biologia Molecularis
Acta Genetica Sinica
Acta Horticulturae
Acta Medica Mediterranea
Acta Oecologica
Acta Ovariensis
Acta Pharmaceutica Sinica
Acta Phytopathologica et Entomologica Hungarica
Acta Phytopathologica Sinica
Acta Phytophylacica Sinica
Acta Phytophysiologica Sinica
Acta Phytotaxonomica Sinica
Acta Societatis Botanicorum Poloniae
Acta Veterinaria et Zootechnica Sinica
Advances in Agronomy
Advances in Horticultural Science
Advances in Plant Sciences
Aerobiologia
African Entomology
Afro-Asian Journal of Nematology
Agnote (Darwin)
Agrarwirtschaft, Sonderheft
Agribusiness Worldwide
Agricoltura Mediterranea
Agricultura, Revista Agropecuaria
Agricultural and Biological Chemistry
Agricultural Engineer
Agricultural Research (Washington)
Agricultural Research Journal of Kerala
Agricultural Research Review
Agricultural Resources Situation and Outlook
Agricultural Science
Agricultural Science in Finland
Agricultural Systems
Agricultural Water Management
Agriculture and Human Values
Agriculture et Developpement
Agriculture International
Agriculture, Ecosystems & Environment
Agro Food Industry Hi-Tech
Agro Sur
Agro-Chemicals News in Brief
Agro-Ciencia
Agroforestry Systems
Agrokémia és Talajtan
Agrokhimiya
Agronomía Costarricense
Agronomy Journal
Agrotecnia de Cuba
AIAS Occasional Publication
Albertoa
Alexandria Journal of Agricultural Research
Allelopathy Journal
Allgemeine Forstzeitschrift
Allionia
AMA, Agricultural Mechanization in Asia, Africa and Latin America
Ambio
American Bee Journal
American Industrial Hygiene Association Journal
American Journal of Agricultural Economics
American Journal of Alternative Agriculture
American Journal of Botany
American Journal of Epidemiology
American Naturalist
American Potato Journal
Anais da Sociedade Entomológica do Brasil
Anales de Biología
Analusis
Analyst
Analytica Chimica Acta
Analytical Chemistry (Washington)
Analytical Letters
Analytical Sciences
Angewandte Botanik
Animal Feed Science and Technology
Annales Botanici Fennici
Annales de la Recherche Forestière au Maroc
Annales des Falsifications, de l'Expertise Chimique et Toxicologique
Annales des Sciences Forestières
Annales du Tabac. Section 2
Annals of Agricultural Research
Annals of Agricultural Science, Moshtohor
Annals of Applied Biology
Annals of Arid Zone
Annals of Bangladesh Agriculture
Annals of Botany
Annals of Entomology
Annals of Plant Physiology
Annals of Plant Protection Sciences
Annals of the Entomological Society of America
Annals of the Missouri Botanical Garden
Annals of the Phytopathological Society of Japan
Annals of Warsaw Agricultural University SGGW-AR, Agriculture
Annual Report - Centro de Tecnologia Copersucar
Annual Report of the Tokyo Metropolitan Research Laboratory of Public Health
Annual Report SEAMEO-BIOTROP
Annual Review and Handbook - British Agrochemicals Association
Annual Review of Plant Physiology and Plant Molecular Biology
Apicoltore Moderno
Applied Clay Science
Applied Engineering in Agriculture
Applied Microbiology and Biotechnology
Applied Plant Science
Aquatic Botany
Aquatic Toxicology
Arab Journal of Plant Protection
Arbeiten aus dem Institut für Tropentechnologie
Arbeitsbericht aus dem Institut für Agrarpolitik und Marktforschung der Justus-Liebig-Universität Giessen
Archiv für Gartenbau
Archives of Biochemistry and Biophysics
Archives of Environmental Contamination and Toxicology
Archives of Environmental Health
Archives of Insect Biochemistry and Physiology
Archives of Toxicology
Arkansas Farm Research
Arquivos da Universidade Federal Rural do Rio de Janeiro
Arroz
Aspects of Applied Biology
Assiut Journal of Agricultural Sciences
Australasian Agribusiness Review
Australasian Beekeeper
Australasian Plant Pathology
Australian Cottongrower
Australian Equine Veterinarian
Australian Forestry
Australian Journal of Agricultural Research
Australian Journal of Botany
Australian Journal of Chemistry
Australian Journal of Experimental Agriculture
Australian Journal of Medical Herbalism
Australian Journal of Plant Physiology
Australian Journal of Soil Research

Australian Systematic Botany
Avance Agroindustrial
Avances en Ciencias Veterinarias
Bangladesh Journal of Scientific and Industrial Research
Bangladesh Journal of Zoology
Banko Janakari
Bayerisches Landwirtschaftliches Jahrbuch
Behavioral Ecology and Sociobiology
Beiträge zur Biologie der Pflanzen
Berichte aus dem Fachgebiet Herbologie der Universität Hohenheim
Betteravier (Bruxelles)
Bio/Technology
Biochemical Journal (London)
Biochemical Pharmacology
Biochemical Systematics and Ecology
Biochimica et Biophysica Acta, Bioenergetics
Biochimica et Biophysica Acta, Gene Structure and Expression
Biochimica et Biophysica Acta, Lipids and Lipid Metabolism
Biocontrol News and Information
Biocontrol Science and Technology
Biodegradation
Biofutur
Biológia (Bratislava)
Biological Agriculture & Horticulture
Biological Conservation
Biological Control
Biological Journal of the Linnean Society
Biological Mass Spectrometry
Biologicheskiĭ Zhurnal Armenii
Biologisches Zentralblatt
Biology and Environment. Proceedings of the Royal Irish Academy, Section B
Biology and Fertility of Soils
Biomass and Bioenergy
Biomedical and Environmental Sciences
BioMetals
Bioresource Technology
BioScience
Bioscience, Biotechnology and Biochemistry
Biotechnic & Histochemistry
BioTechniques
Biotechnology and Applied Biochemistry
Biotechnology Education
Biotechnology Letters
Biotehnologija u Stočarstvu
Biotropica
Biuletyn Informacyjny - Prace Przemysłowego Instytutu Maszyn Rolniczych
Biuletyn Instytutu Hodowli i Aklimatyzacji Roślin
Biuletyn Instytutu Ziemniaka
Biuletyn Warzywniczy
Bodenkultur
Boletín de Entomologia Venezolana
Boletín de Sanidad Vegetal, Plagas
Boletín Divulgativo - Ministerio de Agricultura y Ganadería/Cámara de Insumos Agropecuarios
Boletín Técnico - Estación Experimental Agropecuaria, Balcarce
Botanica Acta
Botanica Complutensis
Botanica Helvetica
Botanical Bulletin of Academia Sinica
Botanical Review
Botanicheskiĭ Zhurnal
Botany Circular (Gainesville)
Brenesia
British Journal of Industrial Medicine
British Sugar Beet Review
Buletin Perkebunan
Buletinul Academiei de Ştiinţe a Republicii Moldova. Şiinţe Biologice şi Chimice
Bulletin - Connecticut Agricultural Experiment Station
Bulletin - Mississippi Agricultural and Forestry Experiment Station
Bulletin - Scottish Crop Research Institute
Bulletin de la Société Botanique de France, Actualités Botaniques
Bulletin de la Société Botanique de France, Lettres Botaniques
Bulletin des G.T.V.
Bulletin OEPP
Bulletin of Animal Health and Production in Africa
Bulletin of Entomological Research
Bulletin of Environmental Contamination and Toxicology
Bulletin of Faculty of Agriculture, University of Cairo
Bulletin of Research Institute of Agricultural Resources, Ishikawa Agricultural College
Bulletin of Taichung District Agricultural Improvement Station
Bulletin of the Agricultural Chemicals Inspection Station, Tokyo
Bulletin of the Akita Prefectural College of Agriculture
Bulletin of the Botanical Society of Bengal
Bulletin of the Faculty of Agriculture, Tottori University
Bulletin of the Institute of Zoology, Academia Sinica
Bulletin of the Nara Agricultural Experiment Station
Bulletin of the Research Institute for Bioresources, Okayama University
Bulletin of the Torrey Botanical Club
Bulletin OILB/SROP
Byulleten' Glavnogo Botanicheskogo Sada
Byulleten' Moskovskogo Obshchestva Ispytateleĭ Prirody, Biologicheskiĭ
Cactus and Succulent Journal
Café, Cacao, Thé
Cahiers Agricultures
California Agriculture
Caña de Azúcar
Canadian Entomologist
Canadian Field-Naturalist
Canadian Journal of Botany
Canadian Journal of Development Studies
Canadian Journal of Forest Research
Canadian Journal of Plant Pathology
Canadian Journal of Plant Science
Canadian Journal of Soil Science
Canadian Journal of Zoology
Canadian Plant Disease Survey
Capsicum & Eggplant Newsletter
Carcinogenesis
CARD Working Paper
Caribbean Geography
Castanea
Cecidology
Cell (Cambridge)
Cellular and Molecular Biology Research
Cercetări Agronomice în Moldova
Cereal Research Communications
Chemical and Pharmaceutical Bulletin
Chemical Regulation of Plants
Chemical Research in Toxicology
Chemistry and Industry (London)
Chemistry Express
Chemistry of Natural Compounds
Chemosphere
Chest
Chinese Journal of Chromatography
Chinese Journal of Entomology
Chinese Journal of Rice Science
Chromatographia
Chung-Ang Journal of Medicine
Ciencia Agropecuaria - Instituto de Investigación Agropecuaria de Panamá
Citrus & Vegetable Magazine
Clays and Clay Minerals
Clinical and Experimental Allergy
Collection Documents Systèmes Agraires, Département Systèmes Agraires du CIRAD
Collection of Czechoslovak Chemical Communications
Communications in Soil Science and Plant Analysis
Comparative Biochemistry and Physiology. C, Comparative Pharmacology and Toxicology
Compte Rendu des Essais - Union Nationale Interprofessionnelle des Légumes Transformés
Comptes Rendus de l'Académie d'Agriculture de France
Comptes Rendus de l'Académie des Sciences. Série III, Sciences de la Vie
Computers and Electronics in Agriculture
Contemporary Policy Issues
Cooperative Sugar
Coton et Fibres Tropicales
Critical Reviews in Plant Sciences
Crop Protection
Crop Research (Hisar)
Crop Science
Cryobiology
Cryptogamic Botany
Cryptogamie, Mycologie
Cultivar (Paris)
Cultivos Agroindustriales
Current Biology
Current Genetics
Current Microbiology
Current Opinion in Biotechnology
Current Opinion in Cell Biology
Current Opinion in Genetics & Development
Current Research - University of Agricultural Sciences (Bangalore)
Current Science
Current Topics in Plant Biochemistry and Physiology
Dansk Frøavl
Dansk Standard
Daphne, Revista do Herbário PAMG da EPAMIG
Darwiniana
Departmental Note - Scottish Centre of Agricultural Engineering
Deutsche Tierärztliche Wochenschrift
Developmental Biology
Difesa delle Piante
Dinteria
Dirasat. Series B, Pure and Applied Sciences
Discovery and Innovation

DLG-Mitteilungen Agrar-Inform
DNA Sequence
Doğa, Türk Botanik Dergisi
Doğa, Türk Tarım ve Ormancılık Dergisi
Doklady Vsesoyuznoĭ Ordena Lenina i Ordena Trudovogo Krasn Znameni Akademii Sel'skokhozyaĭstvennykh Nauk im. V.I. Len
Ecological Entomology
Ecological Modelling
Ecological Research
Ecological Review
Ecologist
Ecology
Economic and Political Weekly
Economic Botany
Ecotoxicology and Environmental Safety
Edinburgh Journal of Botany
Egyptian Journal of Agronomy
Egyptian Journal of Applied Science
Egyptian Journal of Botany
Egyptian Journal of Pharmaceutical Sciences
Egyptian Journal of Physiological Sciences
Eksperimentinė Biologija
Electroanalysis
Élelmezési Ipar
EMBO Journal
Entomologia Experimentalis et Applicata
Entomological News
Entomologiske Meddelelser
Entomon
Entomophaga
Environment and Ecology
Environmental and Experimental Botany
Environmental and Molecular Mutagenesis
Environmental and Resource Economics
Environmental Entomology
Environmental Management
Environmental Monitoring and Assessment
Environmental Pollution
Environmental Science & Technology
Environmental Technology
Environmental Toxicology and Chemistry
Environmental Toxicology and Water Quality
Equine Veterinary Journal
Erhvervs-jordbruget
Erwerbsobstbau
Ethiopian Journal of Agricultural Science
Euphytica
Eurasian Soil Science
European Journal of Biochemistry
European Journal of Forest Pathology
Eurosoya
Evolution
Evolutionary Trends in Plants
Experientia
Experimental Agriculture
Experimental and Toxicologic Pathology
Extension Bulletin - ASPAC, Food & Fertilizer Technology Center
Extension Bulletin - Cooperative Extension, College of Agriculture & Home Economics, Washington State University
FABIS Newsletter
FAO Food and Nutrition Paper
FAO Plant Production and Protection Paper
FAO Plant Production and Protection Series
FAO Plant Protection Bulletin
Far Eastern Agriculture
Farmers' Newsletter, Horticulture
Farming Systems
Fauna Norvegica. Serie B, Norwegian Journal of Entomology
FEBS Letters
Feddes Repertorium
Feedstuffs
Feldwirtschaft
FEMS Microbiology Letters
Field Crops Research
Fish & Shellfish Immunology
Fish Farmer
Fitopatología
Fitoterapia
Fiziologiya i Biokhimiya Kul'turnykh Rasteniĭ
Fiziologiya na Rasteniyata
Flora (Jena)
Florida Entomologist
Focus on Gender
Folia Geobotanica et Phytotaxonomica
Folia Microbiologica
FONAIAP Divulga
Food and Chemical Toxicology
Food Hydrocolloids
Förderungsdienst
Forensic Science International
Forest Ecology and Management
Forest Science
Forestry Chronicle
Forschungsbericht Agrartechnik des Arbeitskreises Forschung und Lehre der Max-Eyth-Gesellschaft (MEG)
Forst und Holz
Forstarchiv
Forsttechnische Informationen
Fourrages
Fragmenta Floristica et Geobotanica
Fresenius Environmental Bulletin
Fresenius' Journal of Analytical Chemistry
Freshwater Biology
FRI Bulletin
Fruitteelt (Den Haag)
Functional Ecology
Fundamental and Applied Toxicology
Garden (London)
Gartenbau Magazin
Gemüse (München)
Gene
General Technical Report - Rocky Mountain Forest and Range Experiment Station, USDA Forest Service
Genes & Development
Genetic Resources and Crop Evolution
Genetica
Genetics
Genetika (Moskva)
Genome
Geoderma
Georgofili
Gesunde Pflanzen
Gewasbescherming
Gigena i Sanitariya
Global Pesticide Campaigner
Godišen Zbornik na Zemjodelskiot Fakultet na Univerzitetot vo Skopje
Grass and Forage Science
Grassland of China
Groenten + Fruit, Fruit
Ground Water
Groundnut News
Grüne
Gujarat Agricultural University Research Journal
Hamdard Medicus
Haryana Agricultural University Journal of Research
Haryana Journal of Agronomy
Hassadeh
Hereditas (Beijing)
Hereditas (Landskrona)
Heredity
HGCA Project Report
Highlights of Agricultural Research, Alabama Agricultural Experiment Station
Himachal Journal of Agricultural Research
Hoja Informativa - INTA Manfredi
Hojas Divulgadoras - Ministerio de Agricultura, Pesca y Alimentación
Horticultural Journal
Horticultural Reviews
Horticulturist
HortScience
HortTechnology
HRC, Journal of High Resolution Chromatography
Human & Experimental Toxicology
Hungarian Agricultural Research
Hydrobiologia
Hydrobiological Journal
IAR Newsletter of Agricultural Research
IBPGR Newsletter for Asia, the Pacific and Oceania
Igiene Moderna
IITA Research
Illinois Research
Ilmu Pertanian
IMPACT AgBioIndustry
Indian Agriculturist
Indian Coffee
Indian Farming
Indian Forester
Indian Journal of Agricultural Economics
Indian Journal of Agricultural Research
Indian Journal of Agricultural Sciences
Indian Journal of Agronomy
Indian Journal of Forestry
Indian Journal of Hill Farming
Indian Journal of Nematology
Indian Journal of Plant Physiology
Indian Journal of Veterinary Medicine
Indian Journal of Weed Science
Indian Phytopathology
Indian Sugar
Indian Veterinary Journal
Industrial & Engineering Chemistry Research
Industrial Crops and Products

Industrie Alimentari
Information Paper - Centre for Resource Management
Informations-Forêt, Afocel-Armef
Informatore Agrario
Informatore Fitopatologico
Informe Agropecuário (Belo Horizonte)
Informe Técnico - INTA Estación Experimental Agropecuaria
Infos (Paris)
Insect Knowledge
Insect Science and its Application
International Chickpea Newsletter
International Journal of Acarology
International Journal of Animal Sciences
International Journal of Ecology and Environmental Sciences
International Journal of Environment and Pollution
International Journal of Environmental Analytical Chemistry
International Journal of Environmental Health Research
International Journal of Epidemiology
International Journal of Pest Management
International Journal of Pharmacognosy
International Journal of Plant Sciences
International Journal of Remote Sensing
International Journal of Tropical Agriculture
International Pest Control
International Rice Research Newsletter
International Sugar Journal
Internationale Revue der Gesamten Hydrobiologie
Investigación Agraria, Producción y Protección Vegetales
Investigaciones Forestales - Instituto Nacional de los Recursos Naturales Renovables y del Ambiente
IPM Practitioner
Irish Naturalists' Journal
Israel Agresearch
Israel Journal of Entomology
Italia Forestale e Montana
Izvestiya Akademii Nauk Kazakhskoĭ SSR. Seriya Biologicheskaya
Izvestiya Akademii Nauk Turkmenistana. Seriya Biologicheskikh Nauk
Izvestiya Timiryazevskoĭ Sel'skokhozyaĭstvennoĭ Akademii
Japanese Journal of Applied Entomology and Zoology
Japanese Journal of Crop Science
Japanese Journal of Farm Work Research
Japanese Journal of Limnology
Japanese Journal of Ophthalmology
Japanese Journal of Pharmacology
Japanese Journal of Toxicology and Environmental Health
Japanese Journal of Tropical Agriculture
JARQ, Japan Agricultural Research Quarterly
Journal - Association of Official Analytical Chemists
Journal for Farming Systems Research-Extension
Journal of Agricultural and Food Chemistry
Journal of Agricultural Economics
Journal of Agricultural Engineering Research
Journal of Agricultural Entomology
Journal of Agricultural Research (Lahore)
Journal of Agricultural Research of China
Journal of Agricultural Science, Tokyo Nogyo Daigaku
Journal of Agriculture of the University of Puerto Rico
Journal of Agriculture, Western Australia
Journal of Agronomy and Crop Science
Journal of Analytical Toxicology
Journal of Animal Ecology
Journal of Animal Science
Journal of AOAC International
Journal of Apicultural Research
Journal of Applied Entomology
Journal of Applied Poultry Research
Journal of Aquatic Animal Health
Journal of Aquatic Plant Management
Journal of Arid Environments
Journal of Bacteriology
Journal of Biogeography
Journal of Biological Chemistry
Journal of Biological Control
Journal of Biological Education
Journal of Chemical Ecology
Journal of Chromatographic Science
Journal of Chromatography
Journal of Chromatography, Biomedical Applications
Journal of Coastal Research
Journal of Coffee Research
Journal of Contaminant Hydrology
Journal of Controlled Release
Journal of Ecobiology
Journal of Ecology (Oxford)
Journal of Economic Entomology
Journal of Ecotoxicology & Environmental Monitoring
Journal of Entomological Research
Journal of Entomological Science
Journal of Environment Quality
Journal of Environmental Biology
Journal of Environmental Engineering (New York)
Journal of Environmental Health
Journal of Environmental Horticulture
Journal of Environmental Management
Journal of Environmental Quality
Journal of Environmental Science and Health. Part B, Pesticides, Food Contaminants, and Agricultural Wastes
Journal of Equine Veterinary Science
Journal of Essential Oil Research
Journal of Ethnopharmacology
Journal of Experimental Botany
Journal of Genetics
Journal of Genetics & Breeding
Journal of Herbs, Spices & Medicinal Plants
Journal of Heredity
Journal of Horticultural Science
Journal of Immunology (Baltimore)
Journal of Industrial Microbiology
Journal of Insect Behavior
Journal of Insect Science
Journal of Japanese Botany
Journal of Jilin Agricultural University
Journal of Liquid Chromatography
Journal of Maharashtra Agricultural Universities
Journal of Molecular Biology
Journal of Molecular Evolution
Journal of Mycopathological Research
Journal of Nanjing University, Natural Sciences edition.
Journal of Natural Products
Journal of Natural Resources and Life Sciences Education
Journal of Natural Toxins
Journal of Nematology
Journal of Pesticide Reform
Journal of Pesticide Science
Journal of Phytological Research
Journal of Phytopathology
Journal of Planar Chromatography
Journal of Plant Growth Regulation
Journal of Plant Nutrition
Journal of Plant Physiology
Journal of Production Agriculture
Journal of Range Management
Journal of Research of Andhra Pradesh Agricultural University
Journal of Research, Punjab Agricultural University
Journal of Rural Energy
Journal of Seed Technology
Journal of Small Fruit & Viticulture
Journal of Soil and Water Conservation
Journal of Soil Contamination
Journal of Soils and Crops
Journal of Sugar Beet Research
Journal of the Agricultural Society - University of Wales
Journal of the American Academy of Dermatology
Journal of the American Chemical Society
Journal of the American College of Toxicology
Journal of the American Society for Horticultural Science
Journal of the American Veterinary Medical Association
Journal of the Australian Entomological Society
Journal of the Chinese Agricultural Chemical Society
Journal of the Entomological Society of Southern Africa
Journal of the Faculty of Agriculture, Hokkaido University
Journal of the Indian Institute of Science
Journal of the Indian Society of Soil Science
Journal of the Institute of Agriculture and Animal Science
Journal of the Japanese Forestry Society
Journal of the Japanese Society of Agricultural Machinery
Journal of the Kansas Entomological Society
Journal of the Korean Society for Horticultural Science
Journal of the Lepidopterists' Society
Journal of the National Cancer Institute
Journal of the Science of Food and Agriculture
Journal of the South African Veterinary Association
Journal of Toxicology - Cutaneous and Ocular Toxicology
Journal of Toxicology and Environmental Health
Journal of Tropical Ecology
Journal of Tropical Forest Science
Journal of Turkish Phytopathology
Journal of Vegetation Science
Journal of Veterinary and Animal Sciences
Journal of Veterinary Diagnostic Investigation
Journal of Wildlife Diseases
Jugoslovensko Voćarstvo
Karnataka Journal of Agricultural Sciences
Kartoffelbau
Kasetsart Journal, Natural Sciences
Kenya Coffee
Kew Bulletin
Kew Magazine
Khimiya v Sel'skom Khozyaĭstve
Khimizatsiya Sel'skogo Khozyaĭstva
Klinkii
Korean Journal of Crop Science

Korean Journal of Entomology
Korean Journal of Plant Taxonomy
KTBL-Arbeitspapier
Kukuruza i Sorgo
Land Degradation & Rehabilitation
Land, Agrarwirtschaft und Gesellschaft
Landbouwmechanisatie
Landscape and Urban Planning
Landtechnik
Landwirtschaft Schweiz
Lebensmitteltechnik
Legume Research
Lens
Leucaena Research Reports
Lietuvos TSR Aukštųjų Mokyklų Mokslo Darbai, Biologija
Limnology and Oceanography
Lotus Newsletter
Louisiana Agriculture
Lucrări Ştiinţifice, Institutul Agronomic 'Nicolae Bălcescu', Seria A, Agronomie
Maandblad - Suiker Unie
Madras Agricultural Journal
Madroño
Mais
Maize Genetics Cooperation Newsletter
Majalah Perusahaan Gula
Malaysian Agricultural Journal
Manejo Integrado de Plagas
MAPPS Newsletter
Máquinas y Tractores Agrícolas
Marine Environmental Research
Marine Pollution Bulletin
Mathematics and Computers in Simulation
Measurement + Control
Mededeling - Landbouw-Economisch Instituut
Mededeling van het Centrum voor Onkruidonderzoek, Gent
Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent
Meditsinskaya Parazitologiya i Parazitarnye Bolezni
Mekhanizatsiya i Elektrifikatsiya Sel'skogo Khozyaĭstva
Melding - Institutt for Tekniske Fag, Norges Landbrukshøgskole
Metodiky pro Zavádění Výsledků Výzkumu do Zemědělské Praxe
Microbial Ecology
Microbiology (New York)
Micronesica
Mikrochimica Acta
Miscellaneous Publication - United States Department of Agriculture
Mitteilungen aus dem Gebiete der Lebensmitteluntersuchung und Hygiene
Mitteilungen aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft Berlin-Dahlem
Mitteilungen der Deutschen Bodenkundlichen Gesellschaft
Mitteilungen der Eidgenössischen Forschungsanstalt für Wald, Schnee und Landschaft
Mitteilungen der Schweizerischen Entomologischen Gesellschaft
Mitteilungen des Obstbauversuchsringes des Alten Landes
Mitteilungen Klosterneuburg, Rebe und Wein, Obstbau und Früchteverwertung
Modern Asian Studies
Mokslinių Straipsnių Rinkinys
Molecular and Cellular Biology
Molecular and General Genetics
Molecular Biology and Evolution
Molecular Plant-Microbe Interactions
Monti e Boschi
Mutation Research, Genetic Toxicology Testing
Mycologia
Mycological Research
Mycologist
Mycopathologia
Mycorrhiza
Mycotaxon
Nachrichtenblatt des Deutschen Pflanzenschutzdienstes
National Academy Science Letters
Natural Toxins
Naturalia (São Paulo)
Naturaliste Canadien
Nature (London)
Nauchno-Tekhnicheskii Byulleten', RASKhI Sibirskoe Otdelenie: Sibirskii Nauchno-issledovatel'skii Institut Sel'skogo Khozyaistva
Nematologica
Nephrology Dialysis Transplantation
Network Paper - Agricultural Administration (Research and Extension) Network
New Agriculturist
New England Journal of Medicine
New Farmer & Grower
New Forests
New Phytologist
New Zealand Journal of Agricultural Research
New Zealand Journal of Botany
New Zealand Journal of Ecology
New Zealand Journal of Forestry Science
New Zealand Journal of Zoology
Newsletter - Associated Agricultural Development Foundation
Newsletter - Sugarcane Breeding Institute
Nippon Nogeikagaku Kaishi
Nippon Sochi Gakkaishi = Journal of Japanese Society of Grassland Science
Nordic Journal of Botany
Norsk Veterinærtidsskrift
North Dakota Farm Research
Northern Journal of Applied Forestry
Norwegian Journal of Agricultural Sciences
Note Technique - Centre National du Machinisme Agricole, du Génie Rural, des Eaux et des Forêts (CEMAGRAF)
Növényvédelem
Novon
Nucleic Acids Research
Nucleus (Calcutta)
OBS-Publikatie, Ontwikkeling Bedrijfs-Systemen, Netherlands
Obstbau (Bonn)
Occupational and Environmental Medicine
Ochrona Roślin
Oecologia
Ohio Journal of Science
Oikos
Oléagineux (Paris)
Onderstepoort Journal of Veterinary Research
Onion Newsletter for the Tropics
Oriental Insects
Orissa Journal of Agricultural Research
Oryza
Osteuropastudien der Hochschulen des Landes Hessen. Reihe 1, Giessener Abhandlungen zur Agrar- und Wirtschaftsforschung des Europäischen Ostens
Outlook on Agriculture
Pacific Northwest Cooperative Extension Publication
Pakistan Journal of Forestry
Pakistan Journal of Nematology
Pakistan Journal of Phytopathology
Pakistan Journal of Scientific and Industrial Research
Pakistan Sugar Journal
Paper - American Society of Agricultural Engineers
Papua New Guinea Journal of Agriculture, Forestry and Fisheries
PCARRD Monitor
Pedobiologia
Pennsylvania Fruit News
Pertanika
Pesquisa Agropecuária Brasileira
Pesquisa Veterinária Brasileira
Pesticide Biochemistry and Physiology
Pesticide Outlook
Pesticide Research Journal
Pesticide Science
Pesticides News
Pflanzenschutz-Nachrichten Bayer
Pflanzenschutzberichte
Pharmacology & Toxicology
Philippine Entomologist
Photochemistry and Photobiology
Photosynthesis Research
Photosynthetica
Physiologia Plantarum
Physiological and Molecular Plant Pathology
Phytochemistry
Phytoma
Phytomorphology
Phyton (Buenos Aires)
Phyton (Horn)
Phytoparasitica
Phytopathologia Mediterranea
Phytopathology
Phytoprotection
Phytotherapy Research
Plant and Cell Physiology
Plant and Soil
Plant Breeding
Plant Cell
Plant Cell Reports
Plant Cell, Tissue and Organ Culture
Plant Disease
Plant Genetic Resources Newsletter
Plant Growth Regulation
Plant Growth Regulator Society of America Quarterly
Plant Journal
Plant Molecular Biology
Plant Pathology
Plant Pathology Bulletin
Plant Physiology
Plant Physiology & Biochemistry (New Delhi)
Plant Physiology and Biochemistry (Paris)

Plant Protection
Plant Protection Bulletin (Faridabad)
Plant Protection Bulletin (Taipei)
Plant Protection Quarterly
Plant Science (Limerick)
Plant Systematics and Evolution
Plant Varieties & Seeds
Plant, Cell and Environment
Planta
Planta Daninha
Planta Medica
Planter
Planters' Bulletin
Plasticulture
Pochvovedenie
Polish Ecological Studies
Potato Research
Potravinářské Vědy
Prace Instytutu Sadownictwa i Kwiaciarstwa w Skierniewicach. Seria A, Prace Doświadczalne z Zakresu Sadownictwa
Prairie Naturalist
Pratacultural Science
Preslia
Problems of Desert Development
Proceedings - Soil and Crop Science Society of Florida
Proceedings Annual Conference - Agronomy Society of New Zealand
Proceedings of the Annual Congress - South African Sugar Technologists' Association
Proceedings of the Entomological Society of Washington
Proceedings of the Florida State Horticultural Society
Proceedings of the Indian National Science Academy. Part B, Biological Sciences
Proceedings of the Japan Academy. Series B, Physical and Biological Sciences
Proceedings of the Kanto-Tosan Plant Protection Society
Proceedings of the National Academy of Sciences of the United States of America
Proceedings of the New Zealand Grassland Association
Proceedings of the Oklahoma Academy of Science
Proceedings of the Royal Society of London. Series B, Biological Sciences
Progress Report - Economics Group, Resource Management Program ICRISAT
Progress Report - Texas Agricultural Experiment Station
Progressive Horticulture
Proteccion de Plantas
Protoplasma
PSP Pflanzenschutz Praxis
Publication - Veterinary Continuing Education - Massey University
Publikatie - Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond, Lelystad
Quarterly Bulletin of IAALD
Quarterly Journal of Forestry
Rangelands
Rapport - Institutionen för Ekologi och Miljövård, Sveriges Lantbruksuniversitet
Rapport - Instituut voor Mechanisatie, Arbeid en Gebouwen
Rapport d'Activité - Centre de Recherches Agronomique de L'Etat Gembloux
Rasen-Turf-Gazon
Rasteniev"dni Nauki
RDA Journal of Agricultural Science. Farm Management, Agricultural Engineering, Sericulture, & Farm Products Utilization
Redia
Report - Centre for Agrobiological Research
Report of the Animal and Plant Control Commission
Report of the Tohoku Branch, the Crop Science Society of Japan
Report of the Tokai Branch of the Crop Science Society of Japan
Report Series - Arkansas Agricultural Experiment Station
Research & Training Newsletter (Dar es Salaam)
Research Bulletin - Georgia Agricultural Experiment Stations
Research Bulletin of Obihiro University, Natural Science
Research Highlights - Tropical Agriculture Research Center
Research Paper - Intermountain Research Station, USDA Forest Service
Research Report - Mississippi Agricultural and Forestry Experiment Station
Research Reports of the Forestry Research Institute (Seoul)
Research Reports of the Rural Development Administration, Crop Protection
Research Reports of the Rural Development Administration, Livestock
Research Series - Arkansas Agricultural Experiment Station
Researches on Population Ecology
Resource and Crop Management Research Monograph
Resources (Washington)
REUR Technical Series - FAO Regional Office for Europe
Review, Journal of the New Zealand Mountain Lands Institute
Reviews of Environmental Contamination and Toxicology
Reviews on Environmental Health
Revista Brasileira de Entomologia
Revista Ceres
Revista de Biología Tropical
Revista de la Facultad de Agronomía (Universidad de Buenos Aires)
Revista de la Facultad de Agronomía, Universidad del Zulia
Revista de la Sociedad Entomológica Argentina
Revista de Protección Vegetal
Revista Fitotecnia Mexicana
Revue Forestière Française
Revue Suisse d'Agriculture
Revue Suisse de Viticulture, d'Arboriculture et d'Horticulture
Rhodora
Rivista di Ingegneria Agraria
RLAC-PROVEG
Roczniki Państwowego Zakładu Higieny
Rostlinná Výroba
Russian Journal of Plant Physiology
Rutgers Law Review
Sadovodstvo i Vinogradarstvo
Sahel PV Info
Sakharnaya Svekla
Samaru Journal of Agricultural Research
Sarhad Journal of Agriculture
Savremena Poljoprivreda
Sborník - Akademie Zemědělských věd ČSFR
Sborník ÚVTIZ, Ochrana Rostlin
Sborník Vysoké Školy Zemědělské v Praze, Fakulta Agronomická. Řada A, Rostlinná Výroba
Scandinavian Journal of Work, Environment & Health
Schweizerische Zeitschrift für Obst- und Weinbau
Science (Washington)
Science International (Lahore)
Science of Food and Agriculture
Science of the Total Environment
Scientia Agricultura Sinica
Scientia Horticulturae
Scientific Studies - OSEVA Research Institute for Fodder Plants, OSEVA Breeding Institute for Fodder Plants
Seed Science Research
Seed World (Des Plaines)
Seeds & Farms
Sel'skokhozyaĭstvennaya Biologiya
Semina (Londrina)
Sensors and Actuators. B, Chemical
Sexual Plant Reproduction
Shokuhin Eiseigaku Zasshi = Journal of the Food Hygienic Society of Japan
Sibirskiĭ Vestnik Sel'skokhozyaĭstvennoĭ Nauki
Sistemas de Produção - Empresa Catarinense de Pesquisa Agropecuária S.A.
Soil & Tillage Research
Soil Biology & Biochemistry
Soil Science
Soil Science and Plant Nutrition
Soil Science Society of America Journal
Sorghum Newsletter
South African Bee Journal
South African Forestry Journal
South African Journal for Enology and Viticulture
South African Journal of Botany
South African Journal of Plant and Soil
South Indian Horticulture
Southern Journal of Applied Forestry
Southwestern Entomologist
Soviet Agricultural Sciences
Soviet Biotechnology
Soviet Journal of Ecology
Soviet Meteorology and Hydrology
Soviet Plant Physiology
SP Rapport
Special Publication - Taichung District Agricultural Improvement Station
Special Report - Agricultural Experiment Station, Division of Agriculture, University of Arkansas
Special Report - Forest Engineering Research Institute of Canada
Spectra 2000
SPIE Proceedings Series
Sports Turf Bulletin
Sri Lanka Journal of Tea Science
Staff Paper - Department of Agricultural Economics, Kansas State University
Strokovna in Znanstvena dela - Inštitut za Gozdno in Lesno Gospodarstvo
Studi di Economia e Diritto
Studia Universitatis Babes-Bolyai, Biologia
Studijni Informace - Rostlinna Vyroba
Subtropicheskie Kul'tury
Summa Phytopathologica
Surveillance (Wellington)
Svensk Veterinärtidning
Swedish Journal of Agricultural Research
Symbiosis (Rehovot)
Systematic Botany
Taxon

Tea Bulletin
Technical Bulletin - Cyprus Agricultural Research Institute
Technical Bulletin - Food and Fertilizer Technology Center
Technical Bulletin - Mississippi Agricultural and Forestry Experiment Station
Technical Bulletin - North Carolina Agricultural Research Service
Technical Bulletin - Northern Territory, Department of Primary Industry and Fisheries
Technical Bulletin - NSW Agriculture & Fisheries
Technical Bulletin - United States Department of Agriculture
Technical Highlights - Land Protection Branch, Queensland Department of Lands
Technical Report - Department of Agriculture and Rural Affairs (Melbourne)
Technical Report - Department of Agriculture, South Australia
Technique Agricole
Técnicas de Laboratorio
Tekhnika v Sel'skom Khozyaĭstve
Tennessee Farm and Home Science
Texas Journal of Science
Thaiszia
Themaboekje - Proefstation en Informatie- en Kenniscentrum voor de Akkerbouw en de Groenteteelt in de Vollegrond
Theoretical and Applied Genetics
Theoretical Population Biology
Tidsskrift for Planteavl
Tidsskrift for Planteavls Specialserie
Tobacco Research
Toxicological and Environmental Chemistry
Toxicology Letters
Traktory i Sel'skokhozyaĭstvennye Mashiny
Transactions of the American Entomological Society
Transactions of the ASAE
Transactions of the Chinese Society of Agricultural Engineering
Transactions of the Illinois State Academy of Science
Transactions of the Royal Society of South Australia Incorporated
Transactions of the Wisconsin Academy of Sciences, Arts and Letters
Transgenic Research
Trees: Structure and Function
Trends in Biotechnology
Trends in Ecology & Evolution
Trends in Genetics
Tri-ology Technical Report
Tropical Agriculture
Tropical Ecology
Tropical Grasslands
Tropical Science
Tropicultura
Tsenden
Turrialba
Two and a Bud
Työtehoseuran Julkaisuja
UCPMG Publication
Ukrainskiĭ Botanichniĭ Zhurnal
UNILET Informations
Uniswa Journal of Agriculture
Uongozi
Uspekhi Sovremennoĭ Biologii
Uzbekskiĭ Biologicheskiĭ Zhurnal
Vår Föda
Växtodling, Institutionen för Växtodling, Sveriges Lantbruksuniversitet
Växtskyddsnotiser
Vedecke Prace Vyskumneho Ustavu Rastlinnej Vyroby v Piestanoch
Vegetable Grower
Vegetable Science
Vegetatio
Verhandlungen - Gesellschaft für Ökologie
Verhandlungen der Zoologisch-Botanischen Gesellschaft in Österreich
Veröffentlichungen des Geobotanischen Institutes der ETH, Stiftung Rübel, Zürich
Verslag - CABO-DLO
Verslag - Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond
Verslagen en Mededelingen van de Plantenziektenkundige Dienst, Wageningen
Vestnik Sel'skokhozyaĭstvennoĭ Nauki (Moskva)
Vestsī Akadėmīī Navuk BSSR. Seryya Bīyalagīchnykh Navuk
Veterinariya (Moskva)
Veterinární Medicína
Veterinary and Human Toxicology
Veterinary Dermatology
Veteriner Fakültesi Dergisi, Uludağ Üniversitesi
Vida Rural
Vignevini
Vom Wasser
Water Research (Oxford)
Water Resources Bulletin
Water Resources Investigations Report, US Geological Survey
Water Resources Management
Water Resources Research
Water Science and Technology
Water, Air, and Soil Pollution
Weed Research (Oxford)
Weed Research (Tokyo)
Weed Science
Weed Technology
Weedwatcher
Welsh Bulletin - Botanical Society of the British Isles
West London Papers in Environmental Studies
What's New in Forest Research
Wiadomości Botaniczne
Wiener Tierärztliche Monatsschrift
Wirtschaftseigene Futter
Wood Science and Technology
Wool Technology and Sheep Breeding
Working Document - Centro Internacional de Agricultura Tropical
Working Paper - Department of Economics, University of Adelaide
World Development (Oxford)
Yakugaku Zasshi = Journal of the Pharmaceutical Society of Japan
Yearbook - South African Litchi Growers' Association
Yonago Acta Medica
Zahradnictví
Zashchita Rasteniĭ
Zashchita Rasteniĭ (Moskva)
Zaštita Bilja
Zeitschrift für Angewandte Zoologie
Zeitschrift für Jagdwissenschaft
Zeitschrift für Kulturtechnik und Landentwicklung
Zeitschrift für Lebensmittel-Untersuchung und -Forschung
Zeitschrift für Naturforschung. Section C, Biosciences
Zeitschrift für Ökologie und Naturschutz
Zeitschrift für Pflanzenernährung und Bodenkunde
Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz
Zemledelie
Zentralblatt für Mikrobiologie
Zeszyty Naukowe Akademii Rolniczej im Hugona Kołłątaja w Krakowie, Sesja Naukowa
Zeszyty Naukowe Akademii Rolniczej im. Hugona Kołłątaja w Krakowie, Rolnictwo
Zeszyty Naukowe Akademii Rolniczej w Szczecinie, Ekonomika
Zeszyty Naukowe Akademii Rolniczej we Wrocławiu, Rolnictwo
Zeszyty Naukowe Akademii Rolniczej we Wrocławiu, Weterynaria
Zimbabwe Journal of Agricultural Research
Znanost i Praksa u Poljoprivredi i Prehrambenoj Tehnologiji
Znanost u Proizvodnji

# List of common names and abbreviations employed for currently used herbicides in *Weed Abstracts*

Unmarked names are those approved by the International Organization for Standardization (ISO)
An asterisk (*) signifies approval by the British Standards Institution (BSI)
A dagger (†) signifies approval by the Weed Science Society of America (WSSA) or ANSI
A plus (+) signifies trivial or unofficial names

| | |
|---|---|
| acetochlor | 2-chloro-*N*-ethoxymethyl-6′-ethylacet-*o*-toluidide |
| acifluorfen | 5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrobenzoic acid |
| aclonifen | 2-chloro-6-nitro-3-phenoxyaniline |
| acrolein* | acrylaldehyde |
| alachlor | α-chloro-2′,6′-diethyl-*N*-methoxymethylacetanilide |
| allidochlor | *N,N*-diallyl-2-chloroacetamide |
| alloxydim | methyl (*E*-(*RS*)-3-[1-(-allyloxyimino)butyl]-4-hydroxy-6,6-dimethyl-2-oxocyclohex-3-enecarboxylate |
| ametridione | 1-amino-6-ethylthio-3-neopentyl-1,3,5-triazine-2,4(1*H*,3*H*)-dione |
| ametryn | $N^2$-ethyl-$N^4$-isopropyl-6-methylthio-1,3,5-triazine-2,4-diamine |
| amibuzin | 6-*tert*-butyl-3-dimethylamino-4-methyl-1,2,4-triazin-5(4*H*)-one |
| amidosulfuron | 1-(4,6-dimethoxypyrimidin-2-yl)-3-mesyl(methyl)sulfamoylurea |
| amiprofos-methyl | *O*-methyl *O*-2-nitro-*p*-tolyl isopropylphosphoramidothioate |
| amitrole | 3-amino-1*H*-1,2,4-triazole |
| anilofos | *S*-4-chloro-*N*-isopropylcarbaniloylmethyl *O,O*-dimethyl phosphorodithioate |
| asulam | methyl 4-aminophenylsulfonylcarbamate |
| atraton | $N^2$-ethyl-$N^4$-isopropyl-6-methoxy-1,3,5-triazine-2,4-diamine |
| atrazine | 6-chloro-$N^2$-ethyl-$N^4$-isopropyl-1,3,5-triazine-2,4-diamine |
| aziprotryne | 4-azido-*N*-isopropyl-6-methylthio-1,3,5-triazin-2-ylamine |
| barban | 4-chlorobut-2-ynyl 3-chlorocarbanilate |
| benazolin | 4-chloro-2,3-dihydro-2-oxo-1,3-benzothiazol-3-ylacetic acid |
| benfluralin | *N*-butyl-*N*-ethyl-α,α,α-trifluoro-2,6-dinitro-*p*-toluidine |
| benfuresate | 2,3-dihydro-3,3-dimethylbenzofuran-5-yl ethanesulfonate |
| bensulfuron | α-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-*o*-toluic acid |
| bensulide | *O,O*-di-isopropyl *S*-2-phenylsulfonylaminoethyl phosphorodithioate |
| bentazone | 3-isopropyl-1*H*-2,1,3-benzothiadiazin-4-(3*H*)-one 2,2-dioxide |
| benzadox* | benzamido-oxyacetic acid |
| benzipram | *N*-benzyl-*N*-isopropyl-3,5-dimethylbenzamide |
| benzofenap | 2-[4-(2,4-dichloro-*m*-toluoyl)-1,3-dimethylpyrazol-5-yloxy]-4′-methylacetophenone |
| benzoylprop | *N*-benzoyl-*N*-(3,4-dichlorophenyl)-DL-alanine |
| benzthiazuron | 1-benzothiazol-2-yl-3-methylurea |
| bifenox | methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate |
| bilanafos | 4-[hydroxy(methyl)phosphinoyl]-L-homoalanyl-L-alanyl-L-alanine |
| bromacil | 5-bromo-3-*sec*-butyl-6-methyluracil |
| bromobutide | 2-bromo-*N*-(α,α-dimethylbenzyl)-3,3-dimethylbutyramide |
| bromofenoxim | 3,5-dibromo-4-hydroxybenzaldehyde 2,4-dinitrophenyloxime |
| bromoxynil | 3,5-dibromo-4-hydroxybenzonitrile |
| butachlor | *N*-butoxymethyl-α-chloro-2′,6′-diethylacetanilide |
| butamifos | *O*-ethyl *O*-6-nitro-*m*-tolyl *sec*-butylphosphoramidothioate |
| butenachlor | (Z)-*N*-but-2-enyloxymethyl-2-chloro-2′,6′-diethylacetanilide |
| buthidazole | 3-(5-*tert*-butyl-1,3,4-thiadiazol-2-yl)-4-hydroxy-1-methyl-2-imidazolidone |
| buthiuron | 1-(5-butylsulfonyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea |
| butralin | *N*-*sec*-butyl-4-*tert*-butyl-2,6-dinitroaniline |
| buturon | 3-(4-chlorophenyl)-1-methyl-1-(1-methylprop-2-ynyl) urea |
| butylate | *S*-ethyl di-isobutylthiocarbamate |
| cambendichlor | 2,2′-(phenylimino)diethylene bis(3,6-dichloro-*o*-anisate) |
| carbetamide | (*R*)-1-(ethylcarbamoyl)ethyl carbanilate |
| chlomethoxyfen | 5-(2,4-dichlorophenoxy)-2-nitroanisole |
| chloramben | 3-amino-2,5-dichlorobenzoic acid |
| chloranocryl | 3′,4′-dichloro-2-methylacrylanilide |
| chlorazifop | (±)-2-[4-(3,5-dichloro-2-pyridyloxy)phenoxy]propionic acid |
| chlorbromuron | 3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea |
| chlorbufam | 1-methylprop-2-ynyl 3-chlorophenylcarbamate |
| chloreturon | 3-(3-chloro-4-ethoxyphenyl)-1,1-dimethylurea |
| chlorfenac | (2,3,6-trichlorophenyl)acetic acid |
| chlorfenprop | (±)-2-chloro-3-(4-chlorophenyl)propionic acid |
| chlorflurenol | 2-chloro-9-hydroxyfluorene-9-carboxylic acid |
| chloridazon | 5-amino-4-chloro-2-phenylpyridazin-3(2*H*)-one |
| chlorimuron | 2-(4-chloro-6-methoxypyrimidin-2-ylcarbamoylsulfamoyl)benzoic acid |
| chlornitrofen | 4-nitrophenyl 2,4,6-trichlorophenyl ether |
| chlorotoluron | 3-(3-chloro-*p*-tolyl)-1,1-dimethylurea |
| chloroxuron | 3-[4-(4-chlorophenoxy)phenyl]-1,1-dimethylurea |
| chlorpropham | isopropyl 3-chlorocarbanilate |
| chlorsulfuron | 1-(2-chlorophenylsulfonyl)-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea |
| chlorthal-dimethyl | dimethyl tetrachloroterephthalate |
| chlorthiamid | 2,6-dichlorothiobenzamide |
| cinmethylin | (1*RS*,2*SR*,4*SR*)-1,4-epoxy-*p*-menth-2-yl 2-methylbenzyl ether |
| cinosulfuron | 1-(4,6-dimethoxy-1,3,5-triazin-2-y1)-3-[2-(2-methoxyethoxy)phenylsulfonyl]urea |
| cisanilide† | 2,5-dimethyl-1-pyrrolidinecarboxanilide |
| clethodim | (±)-2-[(*E*)-1-[(*E*)-3-chloroallyloxyimino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxycyclohex-2-enone |
| cliodinate | 2-chloro-3,5-di-iodo-4-pyridyl acetate |
| clodinafop | (*R*)-2-[4-(5-chloro-3-fluoro-2-pyridyloxy)phenoxy]propionic acid |
| clomazone | 2-(2-chlorobenzyl)-4,4-dimethyl-1,2-oxazolidin-3-one |

| | |
|---|---|
| clomeprop | (*RS*)-2-(2,4-dichloro-*m*-tolyloxy)propionanilide |
| cloproxydim | (±)-2-[1-(3-chloroallyloxy)iminobutyl]-5-(2-ethylthiopropyl)-3-hydroxycyclohex-2-enone |
| clopyralid | 3,6-dichloropyridine-2-carboxylic acid |
| cumyluron | 1-(2-chlorobenzyl)-3-(1-methyl-1-phenylethyl)urea |
| cyanatryn | 2-(4-ethylamino-6-methylthio-1,3,5-triazin-2-ylamino)-2-methylpropionitrile |
| cyanazine | 2-(4-chloro-6-ethylamino-1,3,5-triazin-2-ylamino)-2-methylpropionitrile |
| cycloate | *S*-ethyl cyclohexyl(ethyl)thiocarbamate |
| cycloxydim | (±)-2-[1-(ethoxyimino)butyl]-3-hydroxy-5-thian-3-ylcyclohex-2-enone |
| cycluron | 3-cyclo-octyl-1,1-dimethylurea |
| cyperquat | 1-methyl-4-phenylpyridinium |
| cyprazine | 6-chloro-$N^2$-cyclopropyl-$N^4$-isopropyl-1,3,5-triazine-2,4-diamine |
| cyprazole | *N*-[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]cyclopropanecarboxamide |
| cypromid | 3′,4′-dichlorocyclopropanecarboxanilide |
| 2,4-D | (2,4-dichlorophenoxy)acetic acid |
| daimuron | 1-(1-methyl-1-phenylethyl)-3-*p*-tolylurea |
| dalapon | 2,2-dichloropropionic acid |
| dazomet | 3,5-dimethyl-1,3,5-thiadiazinane-2-thione |
| 2,4-DB | 4-(2,4-dichlorophenoxy)butyric acid |
| delachlor | 2-chloro-*N*-(isobutoxymethyl)acet-2′,6′-xylidide |
| desmedipham | 3-ethoxycarbonylaminophenyl phenylcarbamate |
| desmetryn | $N^2$-isopropyl-$N^4$-methyl-6-methylthio-1,3,5-triazine-2,4-diamine |
| di-allate | *S*-2,3-dichloroallyl di-isopropyl(thiocarbamate) |
| dicamba | 3,6-dichloro-*o*-anisic acid |
| dichlobenil | 2,6-dichlorobenzonitrile |
| dichloralurea | 1,3-bis(2,2,2-trichloro-1-hydroxyethyl)urea |
| dichlormate | 3,4-dichlorobenzyl methylcarbamate |
| dichlorprop | (*RS*)-2-(2,4-dichlorophenoxy)propionic acid |
| dichlorprop-P | (*R*)-2-(2,4-dichlorophenoxy)propionic acid |
| diclofop | (*RS*)-2-[4-(2,4-dichlorophenoxy)phenoxy]propionic acid |
| diethamquat | 1,1′-bis(diethylcarbamoylmethyl)-4,4′-bipyridyl-1,1′-diylium |
| diethatyl | *N*-chloroacetyl-*N*-(2,6-diethylphenyl)glycine |
| difenopenten | (*E*)-(±)-4-[4-(α,α,α-trifluoro-*p*-tolyloxy)phenoxy]pent-2-enoic acid |
| difenoxuron | 3-[4-(4-methoxyphenoxy)phenyl]-1,1-dimethylurea |
| difenzoquat | 1,2-dimethyl-3,5-diphenylpyrazolium |
| diflufenican | 2′,4′-difluoro-2-(α,α,α-trifluoro-*m*-tolyloxy)nicotinanilide |
| dimefuron | 3-[4-(5-*tert*-butyl-2,3-dihydro-2-oxo-1,3,4-oxadiazol-3-yl)-3-chlorophenyl]-1,1-dimethylurea |
| dimepiperate | *S*-1-methyl-1-phenylethyl piperidine-1-carbothioate |
| dimethachlor | 2-chloro-*N*-(2-methoxyethyl)acet-2′,6′-xylidide |
| dimethametryn | $N^2$-(1,2-dimethylpropyl)-$N^4$-ethyl-6-methylthio-1,3,5-triazine-2,4-diamine |
| dimethenamid | (*RS*)-2-chloro-*N*-(2,4-dimethyl-3-thienyl)-*N*-(2-methoxy-1-methylethyl)acetamide |
| dimexano | *O,O*-diethyl dithiobis(thioformate) |
| dimidazon | 4,5-dimethoxy-2-phenylpyridazin-3(2*H*)-one |
| dinitramine | $N^1$,$N^1$-diethyl-2,6-dinitro-4-trifluoromethyl-*m*-phenylenediamine |
| dinoseb | 2-*sec*-butyl-4,6-dinitrophenol |
| dinoterb | 2-*tert*-butyl-4,6-dinitrophenol |
| diphenamid | *N,N*-dimethyldiphenylacetamide |
| dipropetryn | 6-ethylthio-$N^2$,$N^4$-di-isopropyl-1,3,5-triazine-2,4-diamine |
| diquat | 9,10-dihydro-8a,10a-diazoniaphenanthrene |
| disul | 2-(2,4-dichlorophenoxy)ethyl hydrogen sulfate |
| dithiopyr | *S,S*′-dimethyl 2-difluoromethyl-4-isobutyl-6-trifluoromethylpyridine-3,5-dicarbothioate |
| diuron | 3-(3,4-dichlorophenyl)-1,1-dimethylurea |
| DNOC | 4,6-dinitro-*o*-cresol |
| DSMA† | disodium methylarsonate |
| eglinazine | *N*-(4-chloro-6-ethylamino-1,3,5-triazin-2-yl)glycine |
| endothal* | 7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid |
| epronaz | 1-(*N*-ethyl-*N*-propylcarbamoyl)-3-propylsulfonyl-1*H*-1,2,4-triazole |
| EPTC | *S*-ethyl dipropylthiocarbamate |
| erbon | 2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate |
| esprocarb | *S*-benzyl 1,2-dimethylpropyl(ethyl)thiocarbamate |
| ethalfluralin | *N*-ethyl-α,α,α-trifluoro-*N*-(2-methylallyl)-2,6-dinitro-*p*-toluidine |
| ethametsulfuron | 2-(4-ethoxy-6-methylamino-1,3,5-triazin-2-ylcarbamoylsulfamoyl)benzoic acid |
| ethidimuron | 1-(5-ethylsulfonyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea |
| ethiolate | *S*-ethyl diethylthiocarbamate |
| ethofumesate | (±)-2-ethoxy-2,3-dihydro-3,3-dimethylbenzofuran-5-yl methanesulfonate |
| etnipromid | (*RS*)-2-[5-(2,4-dichlorophenoxy)-2-nitrophenoxy]-*N*-ethylpropionamide |
| etobenzanid | 2′,3′-dichloro-4-ethoxymethoxybenzanilide |
| fenasulam | methyl 4-[2-(4-chloro-*o*-tolyloxy)acetamido]phenylsulfonylcarbamate |
| fenoprop | (±)-2-(2,4,5-trichlorophenoxy)propionic acid |
| fenoxaprop | (±)-2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)phenoxyl]propionic acid |
| fenoxaprop-P | (*R*)-2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)phenoxyl]propionic acid |
| fenteracol | 2-(2,4,5-trichlorophenoxy)ethanol |
| fenthiaprop | (±)-2-[4-(6-chloro-1,3-benzothiazol-2-yloxy)phenoxy]propionic acid |
| fenuron | 1,1-dimethyl-3-phenylurea |
| flamprop | *N*-benzoyl-*N*-(3-chloro-4-fluorophenyl)-DL-alanine |
| flamprop-M | *N*-benzoyl-*N*-(3-chloro-4-fluorophenyl)-D-alanine |
| flazasulfuron | 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-trifluoromethyl-2-pyridylsulfonyl)urea |
| fluazifop | (*RS*)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionic acid |
| fluazifop-P | (*R*)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionic acid |
| fluchloralin | *N*-(2-chloroethyl)-2,6-dinitro-*N*-propyl-4-(trifluoromethyl)aniline |
| flufenican | 2-(α,α,α-trifluoro-*m*-tolyloxy)nicotinanilide |
| flumetsulam | 2′,6′-difluoro-5-methyl[1,2,4]triazolo[1,5-*a*]pyrimidine-2-sulfonanilide |

| | |
|---|---|
| flumiclorac | [2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)-4-fluorophenoxy]acetic acid |
| flumioxazin | *N*-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2*H*-1,4-benzoxazin-6-yl)cyclohex-1-ene-1,2-dicarboximide |
| flumipropyn | (±)-*N*-[4-chloro-2-fluoro-5-(1-methylprop-2-ynyloxy)phenyl]cyclohex-1-ene-1,2-dicarboximide |
| fluometuron | 1,1-dimethyl-3-(α,α,α-trifluoro-*m*-tolyl)urea |
| fluorodifen | 4-nitrophenyl α,α,α-trifluoro-2-nitro-*p*-tolyl ether |
| fluoroglycofen | *O*-[5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrobenzoyl]glycolic acid |
| fluoromidine | 6-chloro-2-trifluoromethyl-3*H*-imidazo[4,5-*b*]pyridine |
| fluoronitrofen | 2,4-dichloro-6-fluorophenyl 4-nitrophenyl ether |
| fluothiuron | 3-[3-chloro-4-(chlorodifluoromethylthio)phenyl]-1,1-dimethylurea |
| flupoxam | 1-[4-chloro-α-(2,2,3,3,3-pentafluoropropoxy)-*m*-tolyl]-5-phenyl-1*H*-1,2,4-triazole-3-carboxamide |
| flupropanate | 2,2,3,3-tetrafluoropropionic acid |
| flurenol | 9-hydroxyfluorene-9-carboxylic acid |
| fluridone | 1-methyl-3-phenyl-5-(α,α,α-trifluoro-*m*-tolyl)-4-pyridone |
| flurochloridone | (3*RS*,4*RS*;3*RS*,4*SR*)-3-chloro-4-chloromethyl-1-(α,α,α-trifluoro-*m*-tolyl)-2-pyrrolidone |
| fluroxypyr | 4-amino-3,5-dichloro-6-fluoro-2-pyridyloxyacetic acid |
| flurtamone | (*RS*)-5-methylamino-2-phenyl-4-(α,α,α-trifluoro-*m*-tolyl)furan-3(2*H*)-one |
| fomesafen | 5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-*N*-methylsulfonyl-2-nitrobenzamide |
| fosamine | ethyl hydrogen carbamoylphosphonate |
| furyloxyfen | (±)-5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrophenyl tetrahydro-3-furyl ether |
| glufosinate | DL-homoalanin-4-yl(methyl)phosphinic acid |
| glyphosate | *N*-(phosphonomethyl)glycine |
| halosafen | 5-(2-chloro-α,α,α,6-tetrafluoro-*p*-tolyloxy)-*N*-ethylsulfonyl-2-nitrobenzamide |
| halosulfuron | 3-chloro-5-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-1-methylpyrazole-4-carboxylic acid |
| haloxydine | 3,5-dichloro-2,6-difluoropyridin-4-ol |
| haloxyfop | (*RS*)-2-[4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenoxy]propionic acid |
| hexaflurate† | potassium hexafluoroarsenate |
| hexazinone | 3-cyclohexyl-6-dimethylamino-1-methyl-1,3,5-triazine-2,4-(1*H*,3*H*)-dione |
| imazamethabenz | (±)-6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*m*-toluic acid, and (±)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*p*-toluic acid |
| imazapyr | 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid |
| imazaquin | (*RS*)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)quinoline-3-carboxylic acid |
| imazethapyr | (*RS*)-5-ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid |
| imazosulfuron | 1-(2-chloroimidazo[1,2-*a*]pyridin-3-ylsulfonyl)-3-(4,6-dimethoxypyrimidin-2-yl)urea |
| ioxynil | 4-hydroxy-3,5-di-iodobenzonitrile |
| isocarbamid | *N*-isobutyl-2-oxoimidazolidine-1-carboxamide |
| isomethiozin | 6-*tert*-butyl-4-isobutylideneamino-3-methylthio-1,2,4-triazin-5(4*H*)-one |
| isopolinate | *S*-isopropyl perhydroazepine-1-carbothioate |
| isopropalin | 4-isopropyl-2,6-dinitro-*N*,*N*-dipropylaniline |
| isoproturon | 3-(4-isopropylphenyl)-1,1-dimethylurea |
| isouron | 3-(5-*tert*-butylisoxazol-3-yl)-1,1-dimethylurea |
| isoxaben | *N*-[3-(1-ethyl-1-methylpropyl)isoxazol-5-yl]-2,6-dimethoxybenzamide |
| isoxapyrifop | (*RS*)-2-[2-[4-(3,5-dichloro-2-pyridyloxy)phenoxy]propionyl]-1,2-oxazolidine |
| karbutilate | 3-(3,3-dimethylureido)phenyl *tert*-butylcarbamate |
| lactofen | ethyl *O*-[5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrobenzoyl]-DL-lactate |
| lenacil | 3-cyclohexyl-1,5,6,7-tetrahydrocyclopentapyrimidine-2,4(3*H*)-dione |
| linuron | 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea |
| MAMA† | ammonium hydrogen methylarsonate |
| MCPA | 4-chloro-*o*-tolyloxyacetic acid |
| MCPB | 4-(4-chloro-*o*-tolyloxy)butyric acid |
| mecoprop | (*RS*)-2-(4-chloro-*o*-tolyloxy)propionic acid |
| mecoprop-P | (*R*)-2-(4-chloro-*o*-tolyloxy)propionic acid |
| medinoterb | 6-*tert*-butyl-2,4-dinitro-*m*-cresol |
| mefenacet | 2-(1,3-benzothiazol-2-yloxy)-*N*-methylacetanilide |
| mefluidide | 5′-(1,1,1-trifluoromethanesulfonamido)acet-2′,4′-xylidide |
| metamitron | 4-amino-3-methyl-6-phenyl-1,2,4-triazin-5(4*H*)-one |
| metam-sodium | sodium methyldithiocarbamate |
| metazachlor | 2-chloro-*N*-(pyrazol-1-ylmethyl)acet-2′,6′-xylidide |
| metflurazon | 4-chloro-5-dimethylamino-2-(α,a,α-trifluoro-*m*-tolyl)pyridazin-3(2*H*)-one |
| methabenzthiazuron | 1-benzothiazol-2-yl-1,3-dimethylurea |
| methalpropalin | α,α,α-trifluoro-*N*-(2-methylallyl)-2,6-dinitro-*N*-propyl-*p*-toluidine |
| methazole* | 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione |
| methiobencarb | *S*-4-methoxybenzyl diethylthiocarbamate |
| methometon | 6-methoxy-$N^2$,$N^4$-bis(3-methoxypropyl)-1,3,5-triazine-2,4-diamine |
| methoprotryne | $N^2$-isopropyl-$N^4$-(3-methoxypropyl)-6-methylthio-1,3,5-triazine-2,4-diamine |
| metobenzuron | (±)-1-methoxy-3-[4-(2-methoxy-2,4,4-trimethylchroman-7-yloxy)phenyl]-1-methylurea |
| metobromuron | 3-(4-bromophenyl)-1-methoxy-1-methylurea |
| metolachlor | 2-chloro-6′-ethyl-*N*-(2-methoxy-1-methylethyl)acet-*o*-toluidide |
| metosulam | 2′,6′-dichloro-5,7-dimethoxy[1,2,4]triazolo[1,5-*a*]pyrimidine-2-sulfon-*m*-toluidide |
| metoxuron | 3-(3-chloro-4-methoxyphenyl)-1,1-dimethylurea |
| metribuzin | 4-amino-6-*tert*-butyl-3-methylthio-1,2,4-triazin-5(4*H*)-one |
| metsulfuron | 2-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl)benzoic acid |
| molinate | *S*-ethyl perhydroazepine-1-thiocarboxylate |
| monalide | 4′-chloro-2,2-dimethylvaleranilide |
| monisouron | 1-(5-*tert*-butylisoxazol-3-yl)-3-methylurea |
| monolinuron | 3-(4-chlorophenyl)-1-methoxy-1-methylurea |
| monuron | 3-(4-chlorophenyl)-1,1-dimethylurea |
| morfamquat | 1,1′-bis(3,5-dimethylmorpholinocarbonylmethyl)-4,4′-bipyridyldiylium |
| MSMA† | sodium hydrogen methylarsonate |
| napropamide | (*RS*)-*N*,*N*-diethyl-2-(1-naphthyloxy)propionamide |
| naptalam | *N*-1-naphthylphthalamic acid |
| neburon | 1-butyl-3-(3,4-dichlorophenyl)-1-methylurea |

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|---|---|
| nicosulfuron | 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-dimethylcarbamoyl-2-pyridylsulfonyl)urea |
| nipyraclofen | 1-(2,6-dichloro-α,α,α-trifluoro-*p*-tolyl)-4-nitropyrazol-5-ylamine |
| nitralin | 4-methylsulfonyl-2,6-dinitro-*N*,*N*-dipropylaniline |
| nitrofen | 2,4-dichlorophenyl 4-nitrophenyl ether |
| nitrofluorfen | 2-chloro-α,α,α-trifluoro-*p*-tolyl 4-nitrophenyl ether |
| norflurazon | 4-chloro-5-methylamino-2-(α,α,α-trifluoro-*m*-tolyl)pyridazin-3(2*H*)-one |
| noruron | 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea |
| orbencarb | *S*-2-chlorobenzyl diethylthiocarbamate |
| oryzalin | 3,5-dinitro-$N^4$,$N^4$-dipropylsulfanilamide |
| oxadiazon | 5-*tert*-butyl-3-(2,4-dichloro-5-isopropoxyphenyl)-1,3,4-oxadiazol-2(3*H*)-one |
| oxyfluorfen | 2-chloro-α,α,α-trifluoro-*p*-tolyl 3-ethoxy-4-nitrophenyl ether |
| paraquat | 1,1′-dimethyl-4,4′-bipyridinium |
| pebulate | *S*-propyl butyl(ethyl)thiocarbamate |
| pendimethalin | *N*-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine |
| pentachlorophenol | sodium pentachlorophenate |
| pentanochlor | *N*-(3-chloro-*p*-tolyl)-2-methylvaleramide |
| perfluidone | 1,1,1-trifluoro-*N*(4-phenylsulfonyl-*o*-tolyl)methanesulfonamide |
| phenisopham | 3-(isopropoxycarbonylamino)phenyl *N*-ethylcarbanilate |
| phenmedipham | 3-methoxycarbonylaminophenyl 3′-methylcarbanilate |
| phenmedipham-ethyl | 3-ethoxycarbonylaminophenyl 3′-methylcarbanilate |
| phenobenzuron | 1-benzoyl-1-(3,4-dichlorophenyl)-3,3-dimethylurea |
| picloram | 4-amino-3,5,6-trichloropicolinic acid |
| piperophos | *S*-2-methylpiperidinocarbonylmethyl *O*,*O*-dipropyl phosphorodithioate |
| pretilachlor | 2-chloro-2′,6′-diethyl-*N*-(2-propoxyethyl)acetanilide |
| primisulfuron | 2-[4,6-bis(difluoromethoxy)pyrimidin-2-ylcarbamoylsulfamoyl]benzoic acid |
| procyazine | 2-(4-chloro-6-cyclopropylamino-1,3,5-triazin-2-ylamino)-2-methylpropionitrile |
| prodiamine | 2,6-dinitro-$N^1$,$N^1$-dipropyl-4-trifluoromethyl-*m*-phenylenediamine |
| profluralin | *N*-(cyclopropylmethyl)-α,α,α-trifluoro-2,6-dinitro-*N*-propyl-*p*-toluidine |
| proglinazine | *N*-(4-chloro-6-isopropylamino-1,3,5-triazin-2-yl)glycine |
| prometon | $N^2$,$N^4$-di-isopropyl-6-methoxy-1,3,5-triazine-2,4-diamine |
| prometryn | $N^2$,$N^4$-di-isopropyl-6-methylthio-1,3,5-triazine-2,4-diamine |
| propachlor | α-chloro-*N*-isopropylacetanilide |
| propanil | 3′,4′-dichloropropionanilide |
| propaquizafop | 2-isopropylideneamino-oxyethyl (*R*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate |
| propazine | 6-chloro-$N^2$,$N^4$-di-isopropyl-1,3,5-triazine-2,4-diamine |
| propham | isopropyl phenylcarbamate |
| propyzamide | 3,5-dichloro-*N*-(1,1-dimethylpropynyl)benzamide |
| prosulfalin | *N*-(4-dipropylamino-3,5-dinitrophenylsulfonyl)-*S*,*S*-dimethylsulfimide |
| prosulfocarb | *S*-benzyl dipropylthiocarbamate |
| prosulfuron | 1-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-3-[2-(3,3,3-trifluoropropyl)phenylsulfonyl]urea |
| prynachlor | 2-chloro-*N*-(1-methylprop-2-ynyl)acetanilide |
| pyrazolynate | 4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl toluene-4-sulfonate |
| pyrazosulfuron | 5-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-1-methylpyrazole-4-carboxylic acid |
| pyrazoxyfen | 2-[4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yloxy]acetophenone |
| pyributicarb | *O*-3-*tert*-butylphenyl 6-methoxy-2-pyridyl(methyl)thiocarbamate |
| pyridate | 6-chloro-3-phenylpyridazin-4-yl *S*-octyl thiocarbonate |
| pyrithiobac | 2-chloro-6-(4,6-dimethoxypyrimidin-2-ylthio)benzoic acid |
| quinclorac | 3,7-dichloroquinoline-8-carboxylic acid |
| quinmerac | 7-chloro-3-methylquinoline-8-carboxylic acid |
| quinoclamine | 2-amino-3-chloro-1,4-naphthoquinone |
| quinonamid | 2,2-dichloro-*N*-(3-chloro-1,4-naphthoquinon-2-yl)acetamide |
| quizalofop | (*RS*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionic acid |
| quizalofop-P | (*R*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionic acid |
| rimsulfuron | 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-ethylsulfonyl-2-pyridylsulfonyl)urea |
| sebuthylazine | $N^2$-*sec*-butyl-6-chloro-$N^4$-ethyl-1,3,5-triazine-2,4-diamine |
| secbumeton | $N^2$-*sec*-butyl-$N^4$-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine |
| sethoxydim | (±)-(*EZ*)-2-(1-ethoxyiminobutyl)-5-[2-(ethylthio)propyl]-3-hydroxycyclohex-2-enone |
| siduron | 1-(2-methylcyclohexyl)-3-phenylurea |
| simazine | 6-chloro-$N^2$,$N^4$-diethyl-1,3,5-triazine-2,4-diamine |
| simetryn | 2,4-bis(ethylamino)-6-methylthio-1,3,5-triazine |
| SMA+ | sodium monochloroacetate |
| sulfallate | 2-chloroally diethyldithiocarbamate |
| sulfentrazone | 2′,4′-dichloro-5′-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1*H*-1,2,4-triazol-1-yl)methanesulfonanilide |
| sulfometuron | 2-[3-(4,6-dimethylpyrimidin-2-yl)ureidosulfonyl]benzoic acid |
| sulglycapin | azepan-1-ylcarbonylmethyl methylsulfamate |
| swep† | methyl 3,4-dichlorocarbanilate |
| 2,4,5-T | (2,4,5-trichlorophenoxy)acetic acid |
| 2,4,5-TB | 4-(2,4,5-trichlorophenoxy)butyric acid |
| 2,3,6-TBA | 2,3,6-trichlorobenzoic acid |
| TCA | trichloroacetic acid |
| tebutam | *N*-benzyl-*N*-isopropylpivalamide |
| tebuthiuron | 1-(5-*tert*-butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea |
| terbacil | 3-*tert*-butyl-5-chloro-6-methyluracil |
| terbucarb | 2,6-di-*tert*-butyl-*p*-tolyl methylcarbamate |
| terbuchlor | *N*-butoxymethyl-6′-*tert*-butyl-2-chloroacet-*o*-toluidide |
| terbumeton | $N^2$-*tert*-butyl-$N^4$-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine |
| terbuthylazine | $N^2$-*tert*-butyl-6-chloro-$N^4$-ethyl-1,3,5-triazine-2,4-diamine |
| terbutryn | $N^2$-*tert*-butyl-$N^4$-ethyl-6-methylthio-1,3,5-triazine-2,4-diamine |
| tetrafluron | 1,1-dimethyl-3-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea |
| thenylchlor | 2-chloro-*N*-(3-methoxy-2-thenyl)-2′,6′-dimethylacetanilide |
| thiazafluron | 1,3-dimethyl-1-(5-trifluoromethyl-1,3,4-thiadiazol-2-yl)urea |

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|---|---|
| thiazopyr | methyl 2-difluoromethyl-5-(4,5-dihydro-1,3-thiazol-2-yl)-4-isobutyl-6-trifluoromethylnicotinate |
| thifensulfuron | 3-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl)thiophen-2-carboxylic acid |
| thiobencarb | *S*-4-chlorobenzyl diethylthiocarbamate |
| tiocarbazil | *S*-benzyl di-*sec*-butylthiocarbamate |
| tralkoxydim | 2-[1-(ethoxyimino)propyl]-3-hydroxy-5-mesitylcyclohex-2-enone |
| tri-allate | *S*-2,3,3-trichloroallyl di-isopropyl(thiocarbamate) |
| triasulfuron | 1-[2-(2-chloroethoxy)phenylsulfonyl]-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea |
| tribenuron | 2-[4-methoxy-6-methyl-1,3,5-triazin-2-yl(methyl)carbamoylsulfamoyl]benzoic acid |
| triclopyr | 3,5,6-trichloro-2-pyridyloxyacetic acid |
| tridiphane | (*RS*)-2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane |
| trietazine | 6-chloro-$N^2$,$N^2$,$N^4$-triethyl-1,3,5-triazine-2,4-diamine |
| trifluralin | α,α,α-trifluoro-2,6-dinitro-*N*,*N*-dipropyl-*p*-toluidine |
| triflusulfuron | 2-[4-dimethylamino-6-(2,2,2-trifluoroethoxy)-1,3,5-triazin-2-ylcarbamoylsulfamoyl]-*m*-toluic acid |
| trifop | (*RS*)-2-[4-(α,α,α-trifluoro-*p*-tolyloxy)phenoxy]propionic acid |
| trifopsime | acetone (*R*)-*O*-[2-[4-(α,α,α-trifluoro-*p*-tolyloxy)phenoxy]propionyl]oxime |
| trimeturon* | 3-(4-chlorophenyl)-1,1,2-trimethylisourea |
| tripropindan | 6-isopropyl-1,1,4-trimethyl-5-propionylindane |
| vernolate | *S*-propyl dipropylthiocarbamate |

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